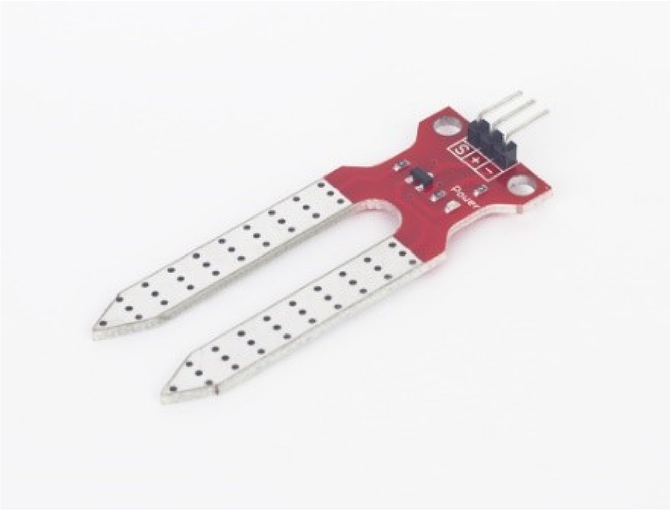
User Manual

For

Soil Moisture Sensor for Arduino(ME110)



Description:

This Soil Moisture Sensor is a simple breakout for measuring the moisture in soil and similar materials. The two large exposed pads function as probes for the sensor, together acting as a variable resistor. The more water that is in the soil means the better the conductivity between the pads will be and will result in a lower resistance, and a higher SIG out.

Specification

- Power Supply: 3.3V or 5V
- Working Current: Less than 20mA
- Output Voltage: 0~3.0V when 5V power supply; 0~1.7V when 3.3V power supply
- Sensor Type: Analog output
- Service Life: 1 year approximately

PinOut

Pin	Description
+	Power supply 5V/DC
-	Ground
S	Analog Output pin

Example:

The wire connection as below:

"+"----------5V
"-"---------Gnd
"s"---------A0

********Code Begin**********

```
int sensorPin = 0;
int sensorValue = 0;
void setup() {

   Serial.begin(9600);
}

void loop() {
    sensorValue = analogRead(sensorPin);
  delay(1000);
  Serial.print("sensor = " );
  Serial.println(sensorValue);
}
```

********Code End**********